Fig.1.

NHS76VH* Translated Sequence

Sequence Range: 1 to 351

```
        10         20         30         40         50         60
CAGGTGCAGCTGCAGGAGTCCGGCCCAGGACTGGTGAAGCCTTCGGAGACCCTGTCCCTC
GTCCACGTCGACGTCCTCAGGCCGGGTCCTGACCACTTCGGAAGCCTCTGGGACAGGGAG
 Q  V  Q  L  Q  E  S  G  P  G  L  V  K  P  S  E  T  L  S  L>          20
_________________TRANSLATION OF NHS76VH* [A]_____________________>

        70         80         90        100        110        120
ACCTGCGCTGTCTCTGGTTACTCCATCAGCAGTGGTTACTACTGGGGCTGGATTCGGCAG
TGGACGCGACAGAGACCAATGAGGTAGTCGTCACCAATGATGACCCCGACCTAAGCCGTC
 T  C  A  V  S  G  Y  S  I  S [S  G  Y  Y  W  G] W  I  R  Q>  CDR1   40
_________________TRANSLATION OF NHS76VH* [A]_____________________>

       130        140        150        160        170        180
CCCCCAGGGAAGGGGCTGGAGTGGATTGGGAGTATCTATCATAGTGGGAGCACCTACTAC
GGGGGTCCCTTCCCCGACCTCACCTAACCCTCATAGATAGTATCACCCTCGTGGATGATG
 P  P  G  K  G  L  E  W  I  G [S  I  Y  H  S  G  S  T  Y  Y>  CDR2   60
_________________TRANSLATION OF NHS76VH* [A]_____________________>

       190        200        210        220        230        240
AACCCGTCCCTCAAGAGTCGAGTCACCATATCAGTAGACACGTCCAAGAACCAGTTCTCC
TTGGGCAGGGAGTTCTCAGCTCAGTGGTATAGTCATCTGTGCAGGTTCTTGGTCAAGAGG
[N  P  S  L  K  S] R  V  T  I  S  V  D  T  S  K  N  Q  F  S>          80
_________________TRANSLATION OF NHS76VH* [A]_____________________>

       250        260        270        280        290        300
CTGAAGCTGAGCTCTGTGACCGCCGCAGACACGGCCGTGTATTACTGTGCAAGAGGGAAG
GACTTCGACTCGAGACACTGGCGGCGTCTGTGCCGGCACATAATGACACGTTCTCCCTTC
 L  K  L  S  S  V  T  A  A  D  T  A  V  Y  Y  C  A  R [G  K>  CDR3   100
_________________TRANSLATION OF NHS76VH* [A]_____________________>

       310        320        330        340        350
TGGTCGAAGTTTGACTATTGGGGCCAAGGCACCCTGGTCACCGTCTCTTCA
ACCAGCTTCAAACTGATAACCCCGGTTCCGTGGGACCAGTGGCAGAGAAGT
[W  S  K  F  D  Y] W  G  Q  G  T  L  V  T  V  S  S>
_____________TRANSLATION OF NHS76VH* [A]_____________>
```

Fig.2.

NHS76VL* Translated Sequence

Sequence Range: 1 to 324

```
        10         20         30         40         50         60
TCCTCTGAGCTGACTCAGGACCCTGCTGTGTCTGTGGCCTTGGGACAGACAGTCAGGATC
AGGAGACTCGACTGAGTCCTGGGACGACACAGACACCGGAACCCTGTCTGTCAGTCCTAG
 S  S  E  L  T  Q  D  P  A  V  S  V  A  L  G  Q  T  V  R  I>        20
_________________TRANSLATION OF NHS76VL* [A]_____________________>

        70         80         90        100        110        120
ACATGCCAAGGAGACAGCCTCAGAAGCTATTATGCAAGCTGGTACCAGCAGAAGCCAGGA
TGTACGGTTCCTCTGTCGGAGTCTTCGATAATACGTTCGACCATGGTCGTCTTCGGTCCT
 T  C [Q  G  D  S  L  R  S  Y  Y  A  S] W  Y  Q  Q  K  P  G>  CDR1  40
_________________TRANSLATION OF NHS76VL* [A]_____________________>

       130        140        150        160        170        180
CAGGCCCCTGTACTTGTCATCTATGGTAAAAACAACCGGCCCTCAGGGATTCCAGACCGA
GTCCGGGGACATGAACAGTAGATACCATTTTTGTTGGCCGGGAGTCCCTAAGGTCTGGCT
 Q  A  P  V  L  V  I  Y [G  K  N  N  R  P  S] G  I  P  D  R>  CDR2  60
_________________TRANSLATION OF NHS76VL* [A]_____________________>

       190        200        210        220        230        240
TTCTCTGGCTCCAGCTCAGGAAACACAGCTTCCTTGACCATCACTGGGGCTCAGGCGGAA
AAGAGACCGAGGTCGAGTCCTTTGTGTCGAAGGAACTGGTAGTGACCCCGAGTCCGCCTT
 F  S  G  S  S  S  G  N  T  A  S  L  T  I  T  G  A  Q  A  E>        80
_________________TRANSLATION OF NHS76VL* [A]_____________________>

       250        260        270        280        290        300
GATGAGGCTGACTATTACTGTAACTCCCGGGACAGCAGTGGTAACCATGTGGTATTCGGC
CTACTCCGACTGATAATGACATTGAGGGCCCTGTCGTCACCATTGGTACACCATAAGCCG
 D  E  A  D  Y  Y  C [N  S  R  D  S  S  G  N  H  V  V] F  G>  CDR3  100
_________________TRANSLATION OF NHS76VL* [A]_____________________>

       310        320
GGAGGGACCAAGCTGACCGTCCTA
CCTCCCTGGTTCGACTGGCAGGAT
 G  G  T  K  L  T  V  L>
___TRANSLATION OF NH____>
```

Fig.3A.

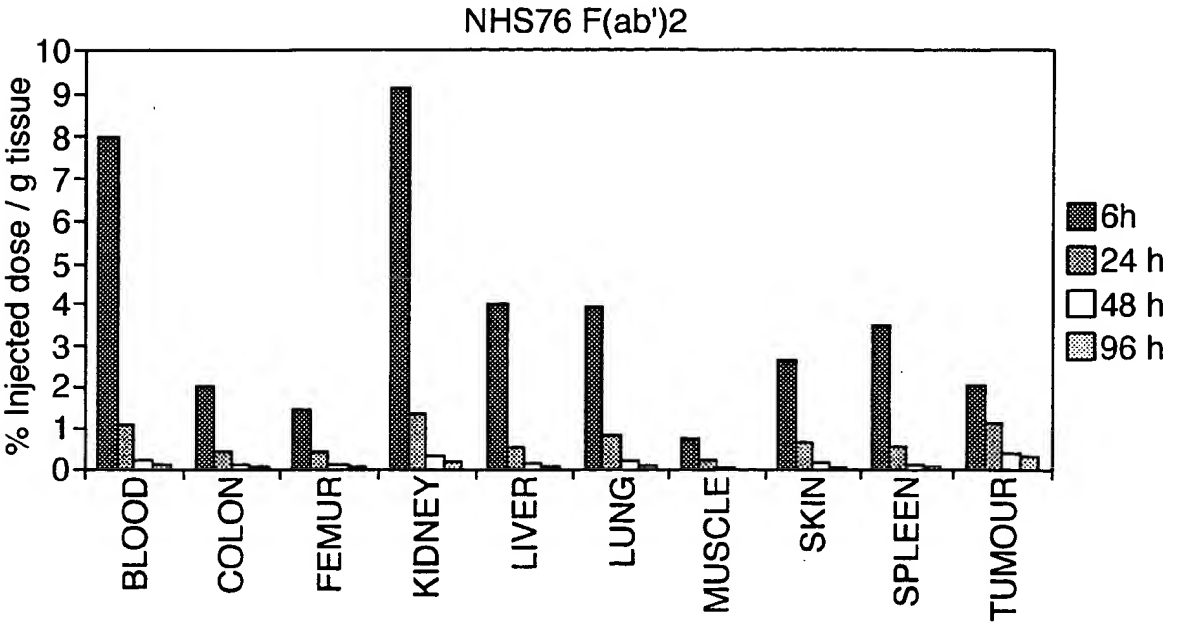

NHS76 F(ab')2
% Injected dose / g tissue
0
1
2
3
4
5
6
7
8
9
10
BLOOD
COLON
FEMUR
KIDNEY
LIVER
LUNG
MUSCLE
SKIN
SPLEEN
TUMOUR
6h
24 h
48 h
96 h

Fig.3B.

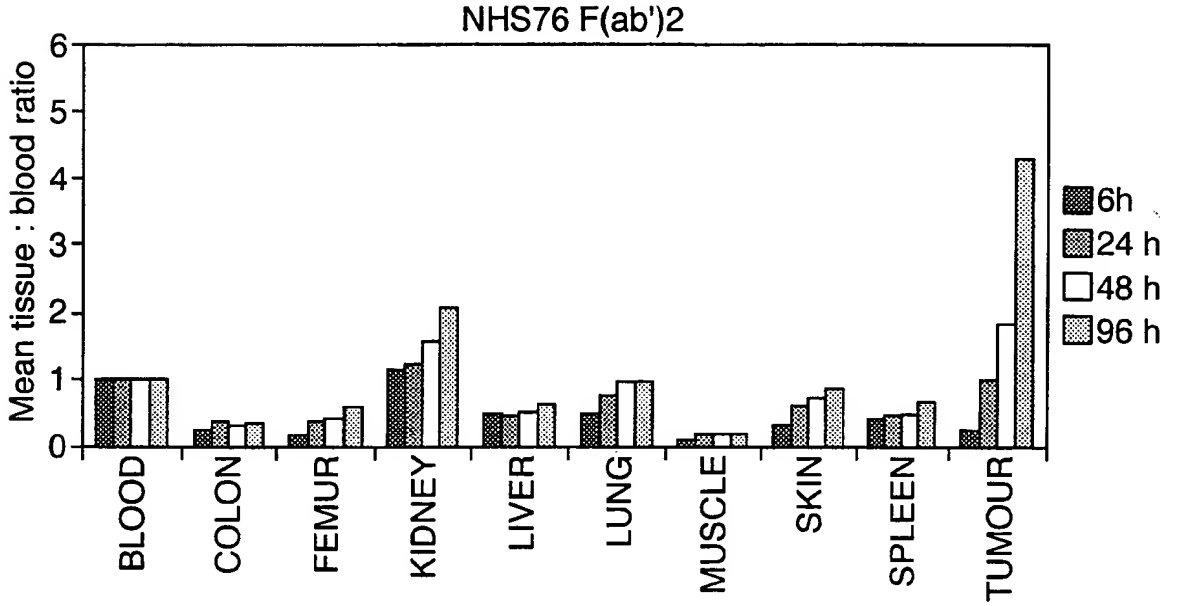

NHS76 F(ab')2
Mean tissue : blood ratio
0
1
2
3
4
5
6
BLOOD
COLON
FEMUR
KIDNEY
LIVER
LUNG
MUSCLE
SKIN
SPLEEN
TUMOUR
6h
24 h
48 h
96 h

Fig.4A.

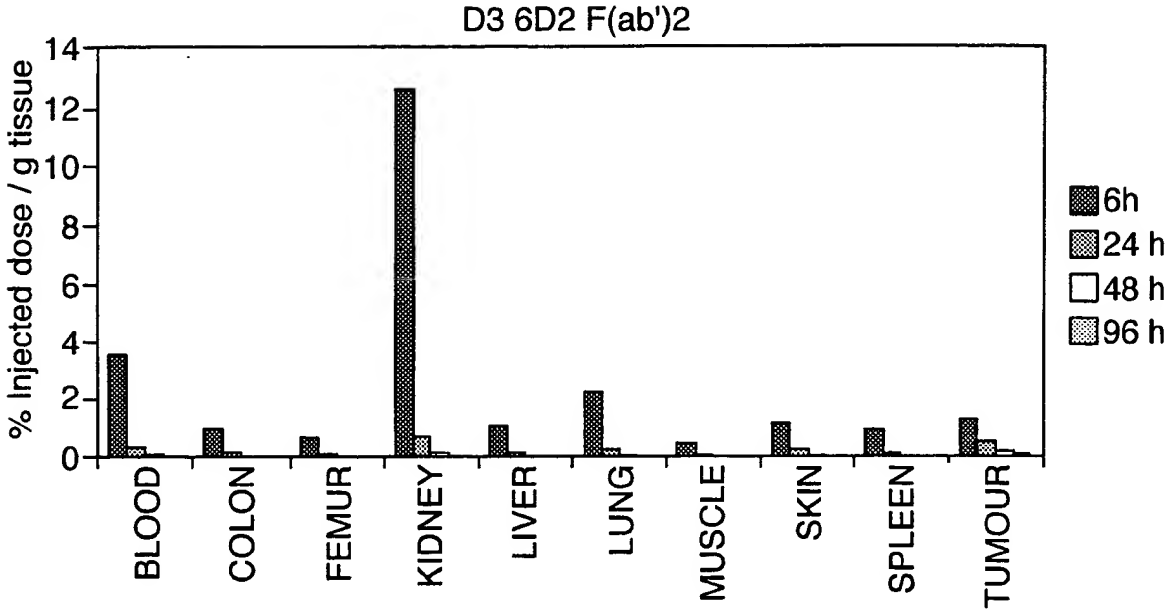

D3 6D2 F(ab')2
% Injected dose / g tissue
0
2
4
6
8
10
12
14
BLOOD
COLON
FEMUR
KIDNEY
LIVER
LUNG
MUSCLE
SKIN
SPLEEN
TUMOUR
6h
24 h
48 h
96 h

Fig.4B.

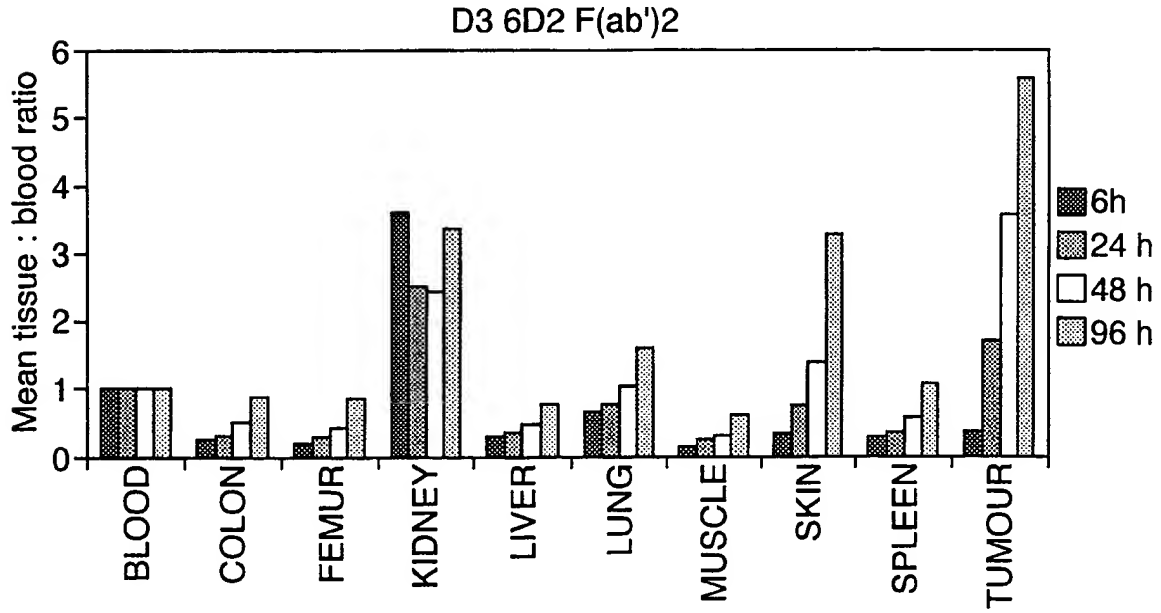

D3 6D2 F(ab')2
Mean tissue : blood ratio
0
1
2
3
4
5
6
BLOOD
COLON
FEMUR
KIDNEY
LIVER
LUNG
MUSCLE
SKIN
SPLEEN
TUMOUR
6h
24 h
48 h
96 h

Fig.5A.

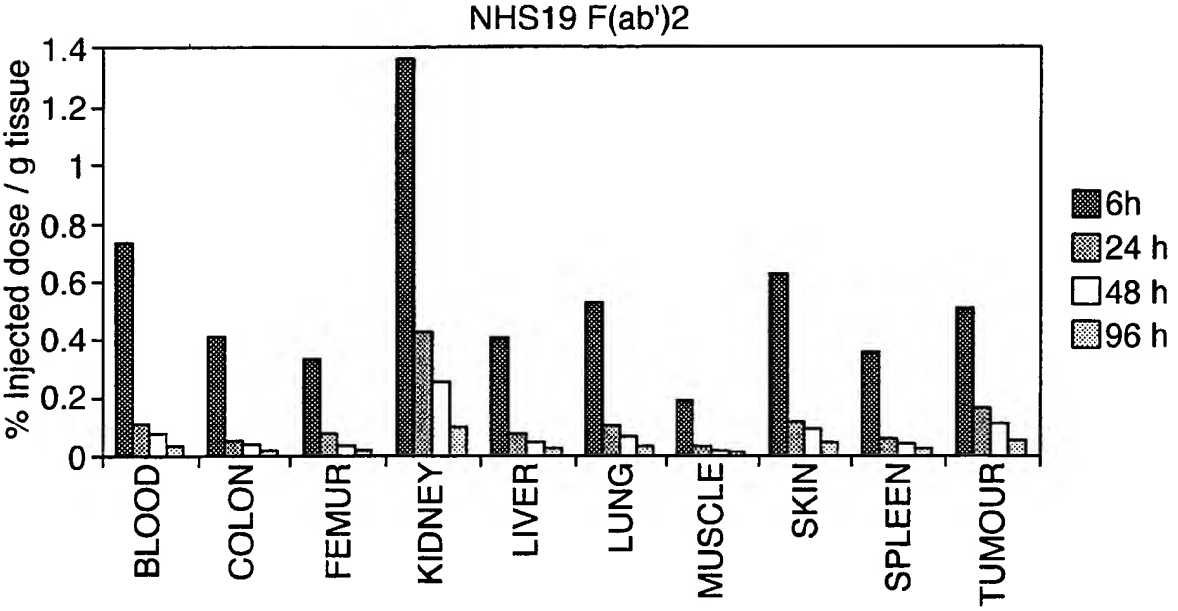

NHS19 F(ab')2
% Injected dose / g tissue
1.4
1.2
1
0.8
0.6
0.4
0.2
0
BLOOD
COLON
FEMUR
KIDNEY
LIVER
LUNG
MUSCLE
SKIN
SPLEEN
TUMOUR
6h
24 h
48 h
96 h

Fig.5B.

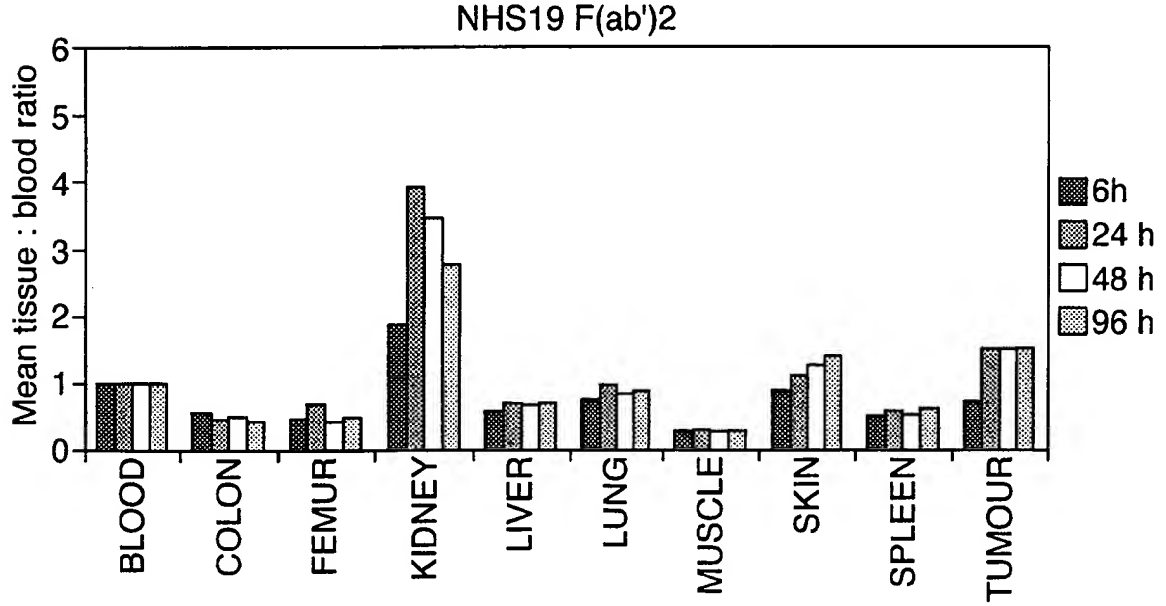

NHS19 F(ab')2
Mean tissue : blood ratio
6
5
4
3
2
1
0
BLOOD
COLON
FEMUR
KIDNEY
LIVER
LUNG
MUSCLE
SKIN
SPLEEN
TUMOUR
6h
24 h
48 h
96 h

Fig.6.

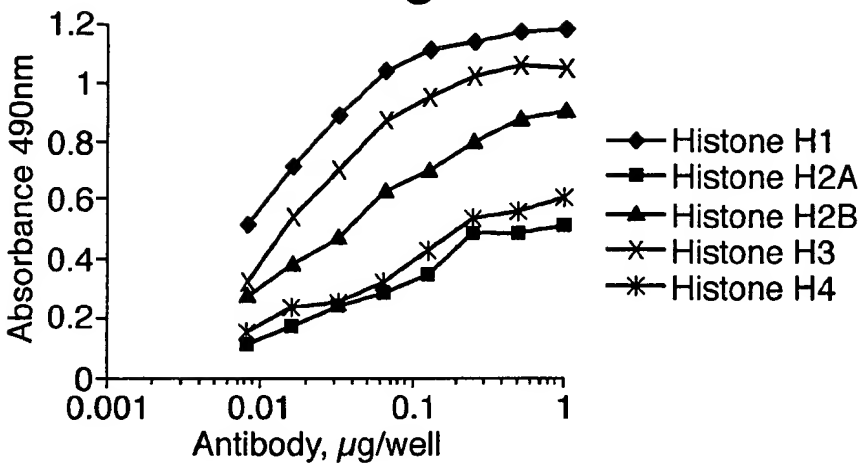
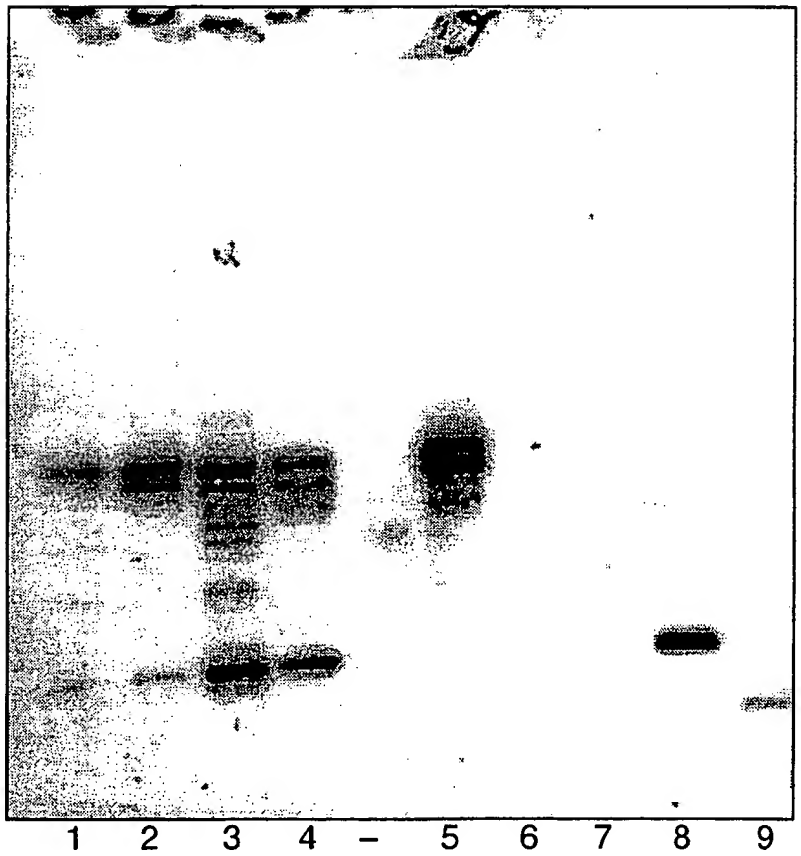
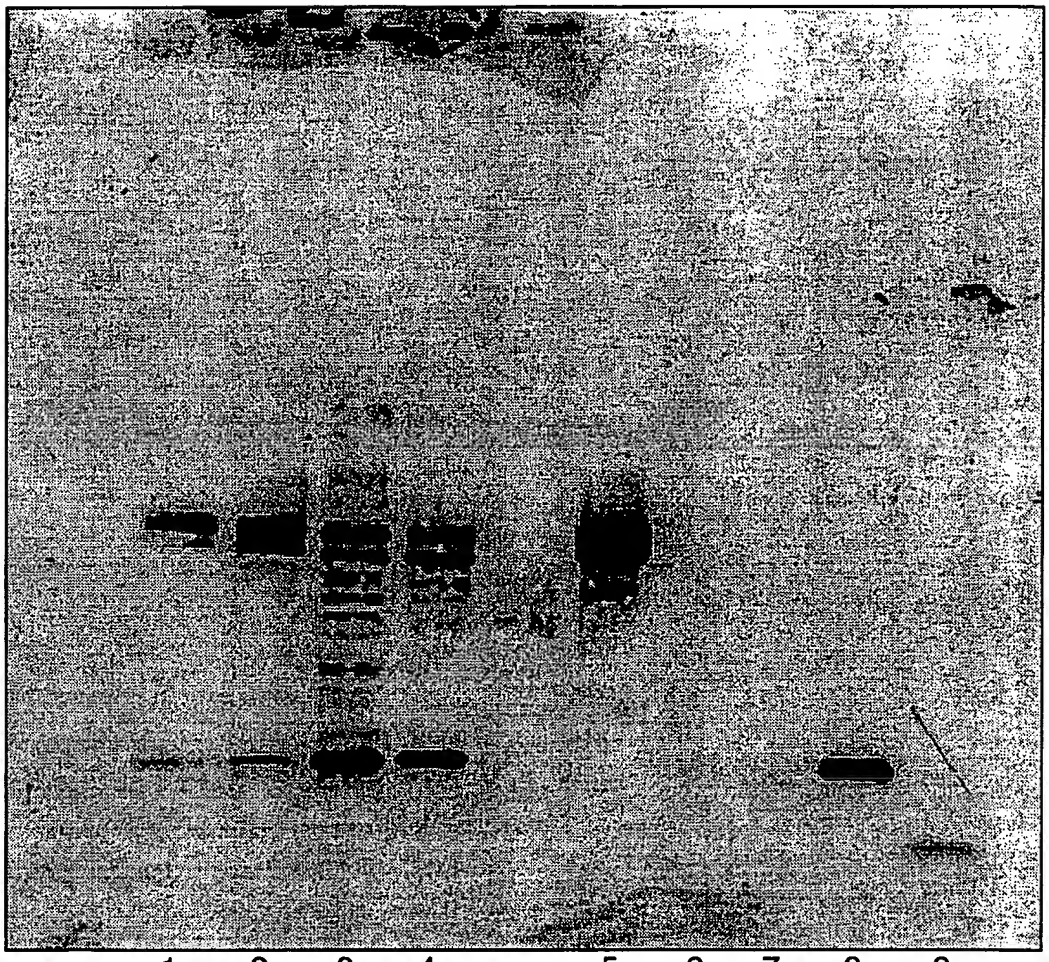


Fig.7A.



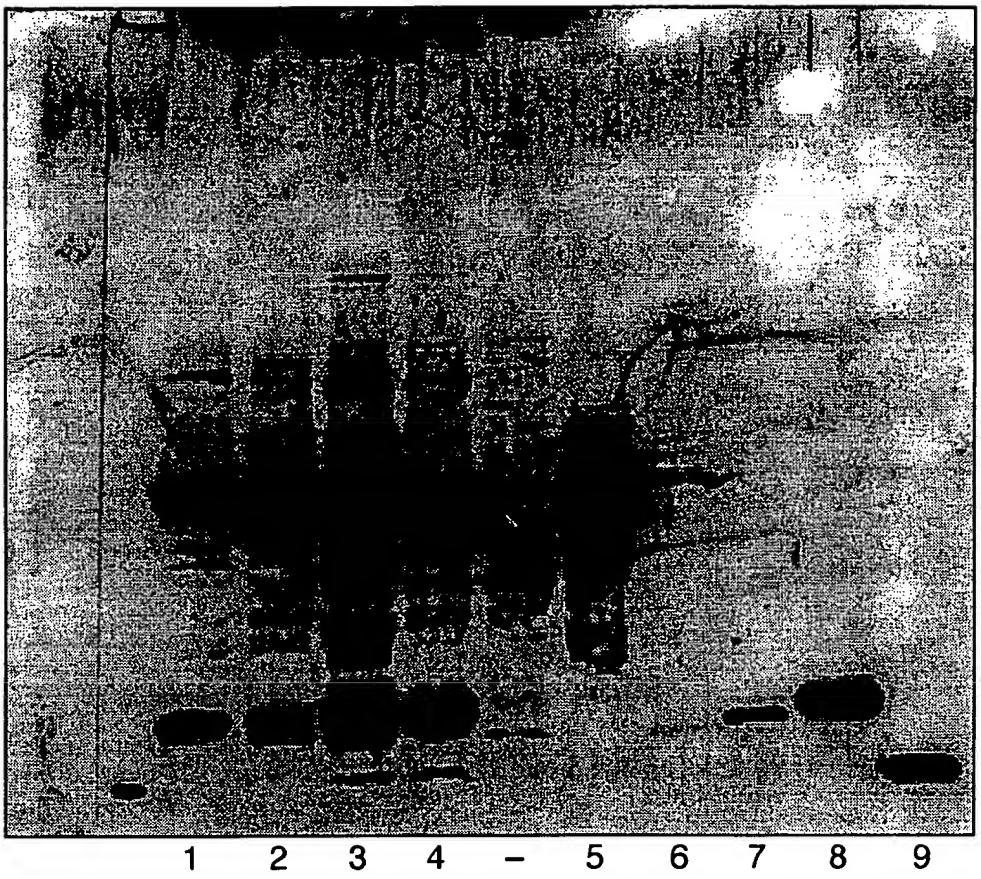
1 Raji (human)
2 NSO (mouse)
3 JTC-19 (rat)
4 JH4 (guinea pig)
5 Histone H1 (bovine)
6 Histone H2A (bovine)
7 Histone H2B (bovine)
8 Histone H3 (bovine)
9 Histone H4 (bovine)

Fig.7B.



1 Raji (human)
2 NSO (mouse)
3 JTC-19 (rat)
4 JH4 (guinea pig)
5 Histone H1 (bovine)
6 Histone H2A (bovine)
7 Histone H2B (bovine)
8 Histone H3 (bovine)
9 Histone H4 (bovine)

Fig.7C.



1 Raji (human)
2 NSO (mouse)
3 JTC-19 (rat)
4 JH4 (guinea pig)
5 Histone H1 (bovine)
6 Histone H2A (bovine)
7 Histone H2B (bovine)
8 Histone H3 (bovine)
9 Histone H4 (bovine)